
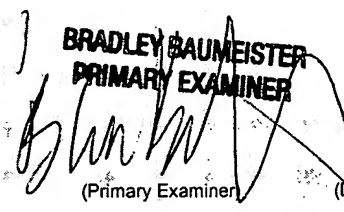
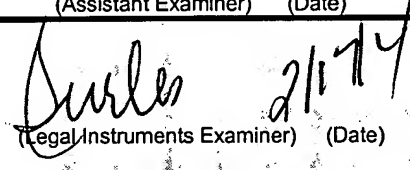


|  |                        |  |                     |  |
|--|------------------------|--|---------------------|--|
| <b>Issue Classification</b><br> | <b>Application No.</b> |  | <b>Applicant(s)</b> |  |
|  | 10/082,500             |  | CHIANG, CHENG-LIEN  |  |
|  | <b>Examiner</b>        |  | <b>Art Unit</b>     |  |
|  | Chris C. Chu           |  | 2815                |  |

| ISSUE CLASSIFICATION         |   |          |   |       |                    |                                   |     |     |     |     |
|------------------------------|---|----------|---|-------|--------------------|-----------------------------------|-----|-----|-----|-----|
| ORIGINAL                     |   |          |   |       | CROSS REFERENCE(S) |                                   |     |     |     |     |
| CLASS                        |   | SUBCLASS |   |       | CLASS              | SUBCLASS (ONE SUBCLASS PER BLOCK) |     |     |     |     |
| 257                          |   | 698      |   |       | 257                | 666                               | 676 | 680 | 431 | 432 |
| INTERNATIONAL CLASSIFICATION |   |          |   |       | 438                | 100                               | 106 | 123 |     |     |
| H                            | 0 | 1        | L | 23/04 |                    |                                   |     |     |     |     |
|                              |   |          |   | /     |                    |                                   |     |     |     |     |
|                              |   |          |   | /     |                    |                                   |     |     |     |     |
|                              |   |          |   | /     |                    |                                   |     |     |     |     |
|                              |   |          |   | /     |                    |                                   |     |     |     |     |

|  |  |  |  |  |  |
|--|--|--|--|--|--|
| Chris C. Chu 2/12/04<br>(Assistant Examiner) (Date)  |  | <br><b>BRADLEY BAUMEISTER</b><br><b>PRIMARY EXAMINER</b><br>(Primary Examiner) (Date) |  | Total Claims Allowed: 154  |  |
| <br>(Legal Instruments Examiner) (Date) |  |  |  | O.G. Print Claim(s)<br>1<br>O.G. Print Fig.<br>Figs. 12A and 12B |  |

|  |          |       |          |                              |          |       |          |                               |          |       |          |                                 |          |       |          |
|--|----------|-------|----------|------------------------------|----------|-------|----------|-------------------------------|----------|-------|----------|---------------------------------|----------|-------|----------|
| <input type="checkbox"/> Claims renumbered in the same order as presented by applicant |          |       |          | <input type="checkbox"/> CPA |          |       |          | <input type="checkbox"/> T.D. |          |       |          | <input type="checkbox"/> R.1.47 |          |       |          |
| Final  | Original | Final | Original | Final                        | Original | Final | Original | Final                         | Original | Final | Original | Final                           | Original | Final | Original |
| 1  | 1        | 31    | 31       | 61                           | 61       | 91    | 91       | 121                           | 121      | 151   | 151      |                                 |          |       | 181      |
| 2  | 2        | 32    | 32       | 62                           | 62       | 92    | 92       | 122                           | 122      | 152   | 152      |                                 |          |       | 182      |
| 3  | 3        | 33    | 33       | 63                           | 63       | 93    | 93       | 123                           | 123      | 153   | 153      |                                 |          |       | 183      |
| 4  | 4        | 34    | 34       | 64                           | 64       | 94    | 94       | 124                           | 124      | 154   | 154      |                                 |          |       | 184      |
| 5  | 5        | 35    | 35       | 65                           | 65       | 95    | 95       | 125                           | 125      |       | 155      |                                 |          |       | 185      |
| 6  | 6        | 36    | 36       | 66                           | 66       | 96    | 96       | 126                           | 126      |       | 156      |                                 |          |       | 186      |
| 7  | 7        | 37    | 37       | 67                           | 67       | 97    | 97       | 127                           | 127      |       | 157      |                                 |          |       | 187      |
| 8  | 8        | 38    | 38       | 68                           | 68       | 98    | 98       | 128                           | 128      |       | 158      |                                 |          |       | 188      |
| 9  | 9        | 39    | 39       | 69                           | 69       | 99    | 99       | 129                           | 129      |       | 159      |                                 |          |       | 189      |
| 10   | 10       | 40    | 40       | 70                           | 70       | 100   | 100      | 130                           | 130      |       | 160      |                                 |          |       | 190      |
| 11   | 11       | 41    | 41       | 71                           | 71       | 101   | 101      | 131                           | 131      |       | 161      |                                 |          |       | 191      |
| 12   | 12       | 42    | 42       | 72                           | 72       | 102   | 102      | 132                           | 132      |       | 162      |                                 |          |       | 192      |
| 13   | 13       | 43    | 43       | 73                           | 73       | 103   | 103      | 133                           | 133      |       | 163      |                                 |          |       | 193      |
| 14   | 14       | 44    | 44       | 74                           | 74       | 104   | 104      | 134                           | 134      |       | 164      |                                 |          |       | 194      |
| 15   | 15       | 45    | 45       | 75                           | 75       | 105   | 105      | 135                           | 135      |       | 165      |                                 |          |       | 195      |
| 16   | 16       | 46    | 46       | 76                           | 76       | 106   | 106      | 136                           | 136      |       | 166      |                                 |          |       | 196      |
| 17   | 17       | 47    | 47       | 77                           | 77       | 107   | 107      | 137                           | 137      |       | 167      |                                 |          |       | 197      |
| 18   | 18       | 48    | 48       | 78                           | 78       | 108   | 108      | 138                           | 138      |       | 168      |                                 |          |       | 198      |
| 19   | 19       | 49    | 49       | 79                           | 79       | 109   | 109      | 139                           | 139      |       | 169      |                                 |          |       | 199      |
| 20   | 20       | 50    | 50       | 80                           | 80       | 110   | 110      | 140                           | 140      |       | 170      |                                 |          |       | 200      |
| 21   | 21       | 51    | 51       | 81                           | 81       | 111   | 111      | 141                           | 141      |       | 171      |                                 |          |       | 201      |
| 22   | 22       | 52    | 52       | 82                           | 82       | 112   | 112      | 142                           | 142      |       | 172      |                                 |          |       | 202      |
| 23   | 23       | 53    | 53       | 83                           | 83       | 113   | 113      | 143                           | 143      |       | 173      |                                 |          |       | 203      |
| 24   | 24       | 54    | 54       | 84                           | 84       | 114   | 114      | 144                           | 144      |       | 174      |                                 |          |       | 204      |
| 25   | 25       | 55    | 55       | 85                           | 85       | 115   | 115      | 145                           | 145      |       | 175      |                                 |          |       | 205      |
| 26   | 26       | 56    | 56       | 86                           | 86       | 116   | 116      | 146                           | 146      |       | 176      |                                 |          |       | 206      |
| 27   | 27       | 57    | 57       | 87                           | 87       | 117   | 117      | 147                           | 147      |       | 177      |                                 |          |       | 207      |
| 28   | 28       | 58    | 58       | 88                           | 88       | 118   | 118      | 148                           | 148      |       | 178      |                                 |          |       | 208      |

|    |    |  |    |    |  |    |    |  |     |     |  |     |     |  |  |     |  |  |     |
|----|----|--|----|----|--|----|----|--|-----|-----|--|-----|-----|--|--|-----|--|--|-----|
| 29 | 29 |  | 59 | 59 |  | 89 | 89 |  | 119 | 119 |  | 149 | 149 |  |  | 179 |  |  | 209 |
| 30 | 30 |  | 60 | 60 |  | 90 | 90 |  | 120 | 120 |  | 150 | 150 |  |  | 180 |  |  | 210 |

U.S. Patent and Trademark Office

Part of Paper No. 20040212